BETTER CROPS W

The Pocket Bo

TABLE OF CONTENTS

JANUARY 1948

Let's Foster Fertility	*Jeff McDermid*	3
Potash Supplies for 1948	*J. W. Turrentine*	6
Fertilizers Double and Treble Hay and Grain Yields in Northern Wisconsin	*C. J. Chapman*	9
A Good Combination: Lespedeza Sericea and Crimson Clover	*L. O. Brackeen*	17
Quebec Can Grow Good Cigar Leaf Tobacco	*R. Bordeleau*	19
Is a Two-to-One Agriculture Possible in the Southeast?	*Gilbeart H. Collings*	23
The Integration of Crop Yield Factors	*R. E. Stephenson*	25

FEBRUARY 1948

Our Honest "Grafters"	*Jeff McDermid*	3
Root Rot of Sweet Clover Reduced by Soil Fertility	*W. A. Albrecht and A. W. Klemme*	6
Copper as a Fertilizer Amendment for Tobacco and Other Crops	*Frank A. Gilbert*	8
Swapping Plant Food for Corn	*W. R. Thompson*	12
Canada's New Potato Champions	*Tom Leach*	17
Soil Testing and Soil Conservation	*I. E. Miles and J. T. McLaurin*	19
Success with Alfalfa in Alabama	*L. O. Brackeen*	23
The New Frontier for Midwestern Farmers	*H. W. Ream*	24

MARCH 1948

Weed 'Em for Freedom	*Jeff McDermid*	3
Peanut Land and What It Needs	*R. M. Marshall*	6
Radioisotopes: An Indispensable Aid to Agricultural Research	*Vincent Sauchelli*	10
Hitting the Target: 100 Bu. Corn Per A.	*C. W. Makamson*	19
Ground Cover	*R. Y. Bailey*	23

APRIL 1948

Exit the Equine	*Jeff McDermid*	3
Legumes Improve Drainage and Reduce Erosion	*R. S. Stauffer*	6
Farm Problems of the Cotton Belt	*M. J. Funchess*	9
A 5,000-Acre Water Garden?	*C. C. Filman, J. H. L. Truscott, and R. Goodwin-Wilson*	15
Needs of the Corn Crop	*H. J. Snider*	19
Organic Matter and Our Food Supply	*George D. Scarseth*	21
Winter Grazing Increases Southern Livestock Profits	*H. B. Vanderford*	23

MAY 1948

Weed Time Cometh	*Jeff McDermid*	3
Fertilizer Consumption and Supply in the North Central States	*A. L. Mehring*	6
More Abundant Living with Soil Conservation	*Harley A. Daniel*	15
Sweet Clover Helps J. Ed McCue	*Howard Lathrope*	21
Will These New Tools Help Solve Some of Our Soil Problems?	*Benjamin Wolf*	22
Better Markets for Better Crops	*C. B. Sherman*	25

BETTER CROPS W

The Pocket Bo

TABLE OF CONTENTS

JANUARY 1948

Let's Foster Fertility	*Jeff McDermid*	3
Potash Supplies for 1948	*J. W. Turrentine*	6
Fertilizers Double and Treble Hay and Grain Yields in Northern Wisconsin	*C. J. Chapman*	9
A Good Combination: Lespedeza Sericea and Crimson Clover	*L. O. Brackeen*	17
Quebec Can Grow Good Cigar Leaf Tobacco	*R. Bordeleau*	19
Is a Two-to-One Agriculture Possible in the Southeast?	*Gilbeart H. Collings*	23
The Integration of Crop Yield Factors	*R. E. Stephenson*	25

FEBRUARY 1948

Our Honest "Grafters"	*Jeff McDermid*	3
Root Rot of Sweet Clover Reduced by Soil Fertility	*W. A. Albrecht and A. W. Klemme*	6
Copper as a Fertilizer Amendment for Tobacco and Other Crops	*Frank A. Gilbert*	8
Swapping Plant Food for Corn	*W. R. Thompson*	12
Canada's New Potato Champions	*Tom Leach*	17
Soil Testing and Soil Conservation	*I. E. Miles and J. T. McLaurin*	19
Success with Alfalfa in Alabama	*L. O. Brackeen*	23
The New Frontier for Midwestern Farmers	*H. W. Ream*	24

MARCH 1948

Weed 'Em for Freedom	*Jeff McDermid*	3
Peanut Land and What It Needs	*R. M. Marshall*	6
Radioisotopes: An Indispensable Aid to Agricultural Research	*Vincent Sauchelli*	10
Hitting the Target: 100 Bu. Corn Per A.	*C. W. Makamson*	19
Ground Cover	*R. Y. Bailey*	23

APRIL 1948

Exit the Equine	*Jeff McDermid*	3
Legumes Improve Drainage and Reduce Erosion	*R. S. Stauffer*	6
Farm Problems of the Cotton Belt	*M. J. Funchess*	9
A 5,000-Acre Water Garden?	*C. C. Filman, J. H. L. Truscott, and R. Goodwin-Wilson*	15
Needs of the Corn Crop	*H. J. Snider*	19
Organic Matter and Our Food Supply	*George D. Scarseth*	21
Winter Grazing Increases Southern Livestock Profits	*H. B. Vanderford*	23

MAY 1948

Weed Time Cometh	*Jeff McDermid*	3
Fertilizer Consumption and Supply in the North Central States	*A. L. Mehring*	6
More Abundant Living with Soil Conservation	*Harley A. Daniel*	15
Sweet Clover Helps J. Ed McCue	*Howard Lathrope*	21
Will These New Tools Help Solve Some of Our Soil Problems?	*Benjamin Wolf*	22
Better Markets for Better Crops	*C. B. Sherman*	25

WITH PLANT FOOD

Boe of Agriculture

January 1948 to December 1948

JUNE–JULY 1948

Centenary ..... *Jeff McDermid* 3
Applying Fertilizers in Solution ..... *M. E. McCollam and F. S. Fullmer* 6
Response and Tolerance of Various Legumes to Borax and Critical Levels of Boron in Soils and Plants ..... *H. T. Rogers* 9
The Development of Irrigation in Georgia ..... *Everett H. Davis* 17
The Chemical Composition of Agricultural Potash Salts ..... *J. W. Turrentine* 24

AUGUST–SEPTEMBER 1948

Pilots for Plowmen ..... *Jeff McDermid* 3
Growing Alfalfa in North Carolina ..... *W. W. Woodhouse, Jr.* 6
Soil Analysis—Western Soils ..... *W. T. McGeorge* 9
Everyone Wins in Pasture Contest ..... *Jack Spaven* 15
How Much Lime Should We Use? ..... *V. A. Tiedjens* 17
A Soil Management Program for Penn Tobacco Farmers ..... *Orman E. Street and Clifford O. Jensen* 21
Soil Conservation Raises Midwest Crop Potentials ..... *L. R. Combs* 25

OCTOBER 1948

Once a Grandpa ..... *Jeff McDermid* 3
Starved Plants Show Their Hunger ..... *N. D. Morgan* 6
Weeping Lovegrass Stills Vermont's Sandblows ..... *Kathleen B. Webb* 11
The Need for Grassland Husbandry ..... *Maurice E. Heath* 14
Four P's in Progress ..... *W. A. DeLong* 17
Some Rates of Fertility Decline ..... *W. A. Albrecht* 21
All At One Lick ..... *T. S. Buie* 25

NOVEMBER 1948

Mamma and Mammon ..... *Jeff McDermid* 3
Better Hay with Potash ..... *T. E. Odland* 6
Ladino Clover—Italian Gift to North Carolina Pastures ..... *Roy L. Lovvorn* 9
Crop Logging Sugar Cane in Hawaii ..... *Harry F. Clements* 11
The Use of Soil Sampling Tubes ..... *Zenas Beers* 19
Handling Refrigerated Foods ..... *C. B. Sherman* 21
A Living Rose Fence ..... *T. J. Talbert* 23
Applying Soil Conservation Through Local Contract ..... *Arvy Carnes* 25

DECEMBER 1948

Test Tubes and Tillers ..... *Jeff McDermid* 3
Legumes Supply Organic Matter ..... *F. H. Crane* 6
Increasing Corn Yields in Union Parish, La. ..... *S. D. Reech* 12
Hubam Sweetclover ..... *W. M. Nixon and D. H. Taylor* 15
Season-long Pasture for New England ..... *Ford S. Prince* 21
The Relation of Credit to Soil Conservation ..... *E. C. Johnson* 25